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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/726,671	12/04/2003	Takafumi Kikuchi	0121/0036	5846
21395	7590	09/04/2007		
LOUIS WOO LAW OFFICE OF LOUIS WOO 717 NORTH FAYETTE STREET ALEXANDRIA, VA 22314			EXAMINER WHIPPLE, BRIAN P	
			ART UNIT 2152	PAPER NUMBER
			MAIL DATE 09/04/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/726,671

Applicant(s)

KIKUCHI ET AL.

Examiner

Brian P. Whipple

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11, 14 and 15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11, 14 and 15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>4/15/04</u> . | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Claims 1-11 and 14-15 are pending in this application and presented for examination. Claims 12-13 were cancelled by the applicant in the amendment received on 12/04/03.

### ***Claim Objections***

2. As to claim 10, ln. 9, it is requested that a paragraph indentation be inserted after the semi-colon and the word "and" in order to increase readability by bringing the final limitation into a separate paragraph, as done for other limitations in the claim. Additionally, ln. 10, "a identification registration" should read "an identification registration."

### ***Claim Rejections - 35 USC § 112***

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. As to claim 1, ln. 28, the phrase "said external communication data" lacks antecedent basis.

5. As to claim 10, ln. 3-4, and claim 11, ln. 3-4, the phrase "said registration request" lacks antecedent basis.

### ***Claim Rejections - 35 USC § 103***

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6. Claims 1-6, 8-11, and 14-15 are rejected under 35 U.S.C. 102(a/e) as anticipated by Umeda, U.S. Publication No. 2001/0055982 A1 or, in the alternative, under 35 U.S.C. 103(a) as obvious over Umeda, in view of Litwin, U.S. Publication No. 2003/0134624 A1.

7. As to claim 1, Umeda discloses a data processing apparatus (Fig. 3; [0014]) comprising:

a first device (Fig. 1, mobile terminal 171; [0044], ln. 1-5); and

a second device detachably or fixedly connected to said first device (Fig. 3, call connection management equipment 210; [0042], ln. 1-3; [[043], ln. 2-3),

wherein said first device includes

a response registration controller ([0036], ln. 4-8; [0043], ln. 2-3; [0044], ln. 5-10; It is inherent the mobile terminal 171 comprises a response registration controller if it can provide its caller ID, establish a connection to the call connection management equipment 210 and through it to called ID of mobile terminal 172.),

second communication means for communicating with said second device ([0043], ln. 2-3),

first storage means for storing a first application ([0044], ln. 1-5; Inherently, the mobile terminal 171 comprises storage means for storing a first application. Mobile terminals require an internal application to perform basic functions such

as enabling a user to dial an external mobile terminal's ID number and view incoming calls.)

first control means for executing said first application ([0044], ln. 1-5), and for controlling said response registration controller ([0036], ln. 4-8; [0043], ln. 2-3; [0044], ln. 5-10), and second communication means ([0043], ln. 2-3) and said first storage means ([0044], ln. 1-5), wherein said second device includes

a response count controller ([0045], ln. 10-15 and 20-23; It is inherent the call connection management equipment 210 comprises a response count controller if it can record the history of the count of call connections, which could only be enabled by mobile terminal 172 sending a response indicating to the call connection management equipment 210 for each accepted incoming call from mobile terminal 171.),

third communication means for communicating with said first device ([0043], ln. 2-3. The mobile terminal 171 and the call connection management equipment 210 both inherently comprise a respective interface for communicating with each other.),

fourth communication means for communicating with an external communication terminal ([0043], ln. 3-6; [0044], ln. 1-5),

second storage means for storing a second application (Fig. 3; [0044], ln. 1-5; Second storage means for storing a second application is inherent for the

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same reasons as discussed above for the first storage means for storing a first application.), and

second control means for executing said application ([0044], ln. 1-5) and for controlling said response count controller ([0045], ln. 10-15 and 20-23), said third communication means ([0043], ln. 2-3), said fourth communication means ([0043], ln. 3-6; [0044], ln. 1-5) and said second storage means ([0044], ln. 1-5), wherein, for communication with said external communication terminal effected through said second communication means, said third communication means and said fourth communications means, said response registration controller exerts influence on said second control means to convince said external communication terminal that said first device is a party to a direct communication for said external communication terminal (Fig. 3; [0048]; [0063]; A check is made to determine if connection history exists between mobile terminal 171 and mobile terminal 172, using information such as caller and called ID, provided by the mobile terminal 171 and mobile terminal 172, respectively. If so, a new connection need not be made and a direction communication between the two may be quickly enacted.), and

wherein, for communication with said external communication terminal effected through said fourth communication means, when a request for the detection of a communication party is received from said external communication terminal, said response count controller transmits to said external communication data a response consisting of data indicating said second device, and when said influence is exerted by said first control means, transmits to said external communication terminal a response

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consisting of data indicating said first device ([0044]; [0048]; [0063]; The mobile terminal 172 inherently receives data from the call connection management equipment 210 and the mobile terminal 171 in order to provide the caller ID and establish connection routes between the three entities.)

Additionally, if the applicant disagrees with the interpretation of data being inherently provided by mobile terminal 171 indicating mobile terminal 171 to mobile terminal 172, Litwin discloses transmitting data indicating a first device in response to communication from an external communication terminal ([0006], ln. 5-10; [0008], ln. 5-11; Data indicating a number of devices, via the use of caller IDs, is transmitted to the wireless device.).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Umeda by transmitting data indicating a first device in response to communication from an external communication terminal as taught by Litwin in order to allow a user to remotely check caller ID information stored on a device ([0005], ln. 1-3) for the purpose of eliminating the need for the user to have physical contact with the storage device.

8. As to claims 2-6 and 14-15, the claims are rejected for substantially the same reasons as claim 1 above.

9. As to claim 10, Umeda and Litwin disclose the invention substantially as in parent claim 1, including device management means for identifying and managing a device

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from which said registration request has been received (Umeda: [0043], ln. 2-6; [0044], ln. 1-10);

device identification generations means for, upon receiving said registration request, generating an arbitrary identification information (Umeda: [0048]);

comparison means for determining whether the same identification information as said identification information generated by said device identification information generation means is present in said device management means (Umeda: [0048]); and

registration means for, upon receiving said registration request, registering as new a identification registration said identification information that is not present in said device management means (Umeda: [0048]).

10. As to claim 11, the claim is rejected for the same reasons as claim 10 above.

11. As to claim 8, Umeda and Litwin disclose the invention substantially as in parent claim 3, including when said first device communicates with said external device through said first communication means, said response registration controller transmits to said response count controller a registration request for said external device (Umeda: [0044], ln. 1-10; [0045], ln. 10-15; [0048]).

12. As to claim 9, Umeda and Litwin disclose the invention substantially as in parent claim 3, including when communication with said external device is disabled, said response registration controller transmits, to said response count controller, a



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registration request that includes data other than data indicating said external device ([0045], ln. 20-23).

13. Claim 7 is rejected under 35 U.S.C. 102(a/e) as anticipated by Umeda or, in the alternative, under 35 U.S.C. 103(a) as obvious over Umeda, in view of Litwin, and further in view of Amin et al. (Amin), U.S. Patent No. 5,953,652.

14. As to claim 7, Umeda discloses when said first device is powered on, said response registration controller transmits a registration request to said response count controller ([0005]; Registration upon power-on is an inherent step in wireless mobile communications, for example a mobile has to register itself with a nearby base station when powered on in order to obtain service.).

Additionally, if the applicant disagrees with the inherency of the registration upon power-on, Amin discloses when said first device is powered on, said response registration controller transmits a registration request to said response count controller (Col. 4, ln. 54-65).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teachings of Umeda and Litwin by including the step of when said first device is powered on, said response registration controller transmits a registration request to said response count controller as taught by Amin in order to connect to the base station system with the greatest signal strength for the purpose of enabling communication with other mobile devices (Col. 4, ln. 54-65).

***Conclusion***

15. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See the Notice of References Cited (PTO-892).

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian P. Whipple whose telephone number is (571) 270-1244. The examiner can normally be reached on Mon-Fri (8:30 AM to 5:00 PM EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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BPW

Brian P. Whipple  
8/27/07

A handwritten signature in black ink, appearing to read 'B. Jaroenchonwanit', with a large, stylized flourish at the end.

BUNJOB JAROENCHONWANIT  
SUPERVISORY PATENT EXAMINER

8/80/7